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material containing barium sulphate in amount by weight, expressed as per cent ratio on the total weight of the diffusing layer, in the range 0.01-2%, the barium sulphate having average particle sizes in the range 0.1-50 micron, the composite sides being at least \geq 10 cm, said composite having one or more edge lit, the composite area being greater than 100 cm².

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Claim 3 (Amended). A panel according to claim 1, wherein a source of the light is placed on two opposite edges.

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Claim 4 (Amended). A panel according to claim 1, wherein the thermoplastic material of which the base layer and the diffusing layer containing barium sulphate are constituted, is selected from a (meth)acrylic (co)polymer, polycarbonate, polystyrene, PET, copolymers constituted by glycol modified PET chosen from the group consisting of dietylenglycol, butandiol, hexandiol and 1, 4-cyclohexane dimethanol or mixtures of PET with the copolymers.

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Claim 6 (Amended). A panel according to claim 5 wherein the alkyl (meth)acrylate is selected from the compounds wherein the alkyl group has from 1 to 8 carbons.

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Claim 8 (Amended). A panel according to claim 7 wherein the thermoplastic polymer is constituted by methylmethacrylate/alkyl acrylate copolymers.

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B1*

Claim 9 (Amended). A panel according to claim 5 wherein the (meth)acrylic thermoplastic (co)polymer comprises from 70 to 100% by weight of alkyl methacrylate and